

DOPE PEG(2000)-N-Cy5

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-[amino(polyethylene glycol)-2000]-N-(Cyanine 5)

880153C-1mg

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Molecular Weight 3234.11 (average MW due to polydispersity of PEG)
Chemical Formula C₁₆₄H₂₉₅N₄O₅₅P
Physical State Chloroform
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 6764CGA010
Avanti Lot Number 880153-01-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Blue solution with no foreign matter	Pass
TLC (80:20:2 Chloroform: Methanol: Water)	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Molecular Weight (MW) by MS-TOF	Run and Report	3305.917
Polydispersity Index by MS-TOF	Run and Report	1.003

Approved By:



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